Medical

Planning

Medical

Planning

South Korean Visitor Bldg.

North Korea
DMZ
DEC 8 2000

Dividing Line
DMZ
Summit Bldg
DEC 8 2000

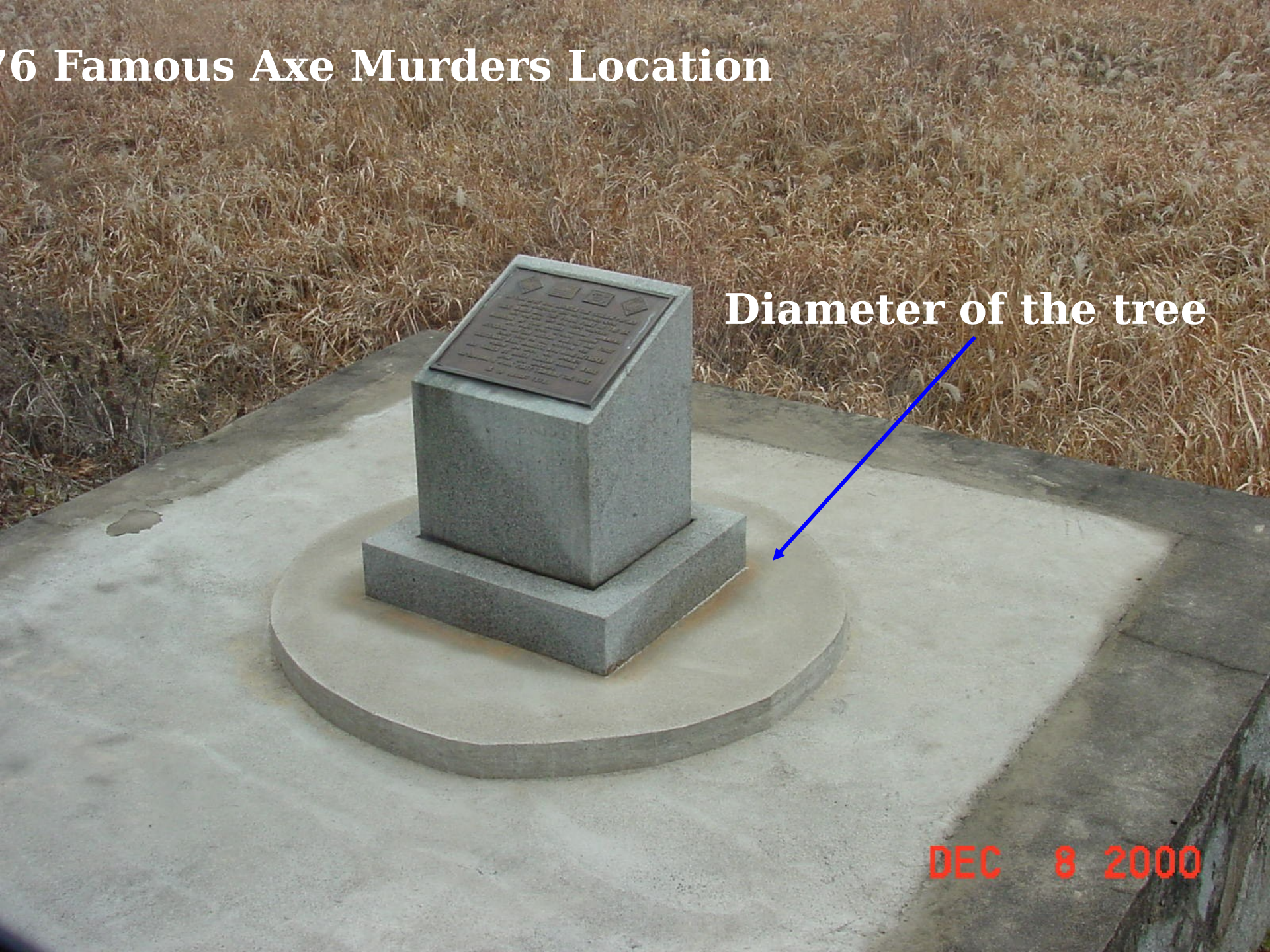
North Korean Soldier

Meeting Table
North Korea
South Korea
DEC 8 2000

North Korean Soldier
South Korean Soldier
DEC 8 2000

DEC 8 2000

DEC 8 2000


76 Famous Axe Murders Location
Diameter of the tree
DEC 8 2000

Force Health Protection

- Protect service members from all health and environmental hazards associated with military service
- Use of technology/quality of our people
- Protect, monitor, manage health

How do we do this?

Medical Planning

Medical Planning

- **Continuous**
- **Directed toward accomplishing missions**
- **Day to Day basis**
- **Considers changes for a particular operation or situation**

OPERATIONS

LEANING FORWARD

Outlook

- Multinational Deployments
- Deteriorating Third World Health Services
- Emerging Diseases
- Environmental Degradation
- Transnational Health Issues
- Proliferation of Advanced Weaponry
- Advances in Biomedical Technology

Changing Roles and Missions

Humanitarian Assistance

Multinational Task Force Alignments

Greater Reliance on Host Nation Support

Worldwide Deployments

JOINT ENDEAVOR
Bosnia and Herzegovina

SILVER WAKE
Albania

SEA SIGNAL
Cuba-Migrant Ops

UPHOLD DEMOCRACY
Haiti

ASSURED RESPONSE
Liberia

NOBLE OBELISK
Sierra Leone

GUARDIAN RETRIEVAL
Democratic Republic of Congo

FLIGHTED WING
Central African Republic

ABLE SENTRY
The Former Yugoslav Republic of Macedonia (FYROM)

SHARP GUARD
Maritime Sanction

PROVIDE COMFORT
Northern Iraq

SOUTHERN WATCH/
VIGILANT WARRIOR
Southern Iraq

RESTORE HOPE
Somalia

SUPPORT HOPE
Rwanda

Medical Planning

Two major types:

Types of Planning

Deliberate Planning

- **(Peacetime planning)**

Crisis Action Planning

- **(Time-sensitive planning)**

Deliberate Planning

- Time permissive
- Continuous Cycle (two year planning cycle)
- Based upon predicted conditions
- Utilizes known available resources
- Finished product is the OPLAN

Crisis Action Planning

- Conducted in response to a crises
- 2 to 3 day planning cycle
- More flexible than Deliberate Planning
- OPLAN (end result)
- Promotes:
  - Logical
  - Rapid Flow of Information
  - Timely COA
  - Communication
  - Recommendations from Combatant CDR's

Joint Operation Planning & Execution System

JOPES

JOPES

- Determines best method of accomplishing task.
- Directs actions necessary to accomplish missions
- Focuses on the Combatant Commander
- Facilitates rapid building and timely maintenance of plans
- Manages mobilization, deployment, employment, sustainment & redeployment

Operational Plan OPLAN

- Prepared for situations that are:

  - Specifically critical to national security and that detailed prior planning is required

  - Prepared by Staff Planning Officers

Operational Order OPORD

- Based on the latest OPLAN
- Prepared for a ship or unit
- You become the planner
- Designed for operations & exercises

ANNEXES

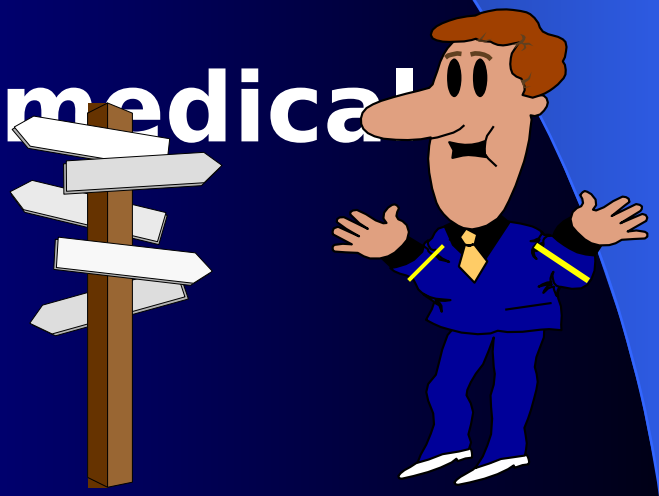
A - Task Organization
B - Intelligence
C - Operations
D - Logistics**
E - Personnel
F - Public Affairs
G - Civil Affairs
H - Environmental Svcs
J - Command Relationships

K - C4 Systems**
L - Operational Security
M - Map, Chart, Geodesy
N - Space Operations
P - Host Nation Support
Q - Medical Services**
R - Chaplain Services
X - Execution Checklist
Z - Distribution

Medical Planning

- **What information is needed to start?**

- **Where does the medical planner get it?**



Medical Estimate

Answer #1

MEDICAL ESTIMATE

- Systematic and comprehensive evaluation of all health service support factors with regards to how each course of action under consideration can be supported strictly from a medical standpoint.
- Basis for Annex Q (Medical Annex)

PURPOSE OF THE MEDICAL ESTIMATE

- Assess medical capabilities and limitations.
- Determine which course of action is most desirable from a medical standpoint.
- Determine what actions are required to overcome limitations.

FORMAT OF THE MEDICAL ESTIMATE

- Mission
- Situation and Consideration
- Medical Analysis
- Evaluation
- Conclusion

FORMAT OF THE MEDICAL ESTIMATE

MISSION

- the basis for committing forces and fire support
- describes the desired effect on the enemy
- indicates combat intensity

FORMAT OF THE MEDICAL ESTIMATE

SITUATION AND CONSIDERATION

Amphibious Objective Area

- terrain and hydrography
- climate
- weather/season of the year
- flora and fauna
- disease incidence
- sanitary conditions ashore

FORMAT OF THE MEDICAL ESTIMATE

SITUATION AND CONSIDERATION

Enemy Forces

- strength and disposition
- combat efficiency
- weapons and equipment
- warfighting capabilities
- state of health

FORMAT OF THE MEDICAL ESTIMATE

SITUATION AND CONSIDERATION

Friendly Forces

- strength and disposition
- combat efficiency
- weapons and equipment
- warfighting capabilities
- state of health

FORMAT OF THE MEDICAL ESTIMATE

SITUATION AND CONSIDERATION

Civilians/POW's

- demography
- resource sharing
- standards of care

FORMAT OF THE MEDICAL ESTIMATE

MEDICAL ANALYSIS

Medical Support

- personnel
- supply and equipment
- medical support augmentation

FORMAT OF THE MEDICAL ESTIMATE

MEDICAL ANALYSIS

Casualty Estimate

- G/S 1 responsibility
- coordinated preparation
- troop replacement
- basis for medical support, plan for:

  - hospitalization
  - medical supplies
  - evacuation

FORMAT OF THE MEDICAL ESTIMATE

EVALUATION

- advantages and disadvantages of medical courses of action in support of the mission
- medical assets
- controlling and limiting factors

FORMAT OF THE MEDICAL ESTIMATE

CONCLUSION

- supportability of the course of action that will accomplish the mission
- recommendation from medical to
  the commander

Medical Planning

- **What information is needed to start?**

- **Where does the medical planner get it?**

Answer

- The “two” shop (s, g, j) for operational intelligence
- The “one” shop (s, g, j) Manning, Casualty Estimates
- The “four” shop (s, g, j) Class VIII Cube and Lift
- The “six” shop (s, g, j) Communication Requirements
- T YCOM’s
- CINC’s
- NEPMU’s
- Armed Forces Medical Intelligence Center

WRITING THE PLAN

- **PATIENT MOVEMENT**
- **BLOOD**
- **HOSPITALIZATION**
- **RETURNS TO DUTY (RTD)**
- **MEDICAL LOGISTICS**
- **FORCE HEALTH PROTECTION**
- **MEDICAL COMMAND, CONTROL & COMMUNICATIONS**
- **HOST NATION SUPPORT**
- **MEDICAL SUSTAINABILITY**
- **MEDICAL INTELLIGENCE**
- **MEDICAL PLANNING RESPONSIBILITIES**

ANNEX Q (Medical Services)

- Appendixes:

1. **Joint Medical Regulating System**
2. **Joint Blood Program**
3. **Hospitalization**
4. **Patient Evacuation**
5. **Returns to Duty**
6. **Medical Logistics**
7. **Preventive Medicine**

ANNEX Q (Medical Services) (Con't)

8. Command, Control, Communications & Computers (C4 system)

9. Host Nation Medical Support

10. Medical Sustainability Assessment

11. Medical Intelligence Support to Military Operations

ANNEX Q (Medical Services - Cont.)

12. Veterinary Medicine

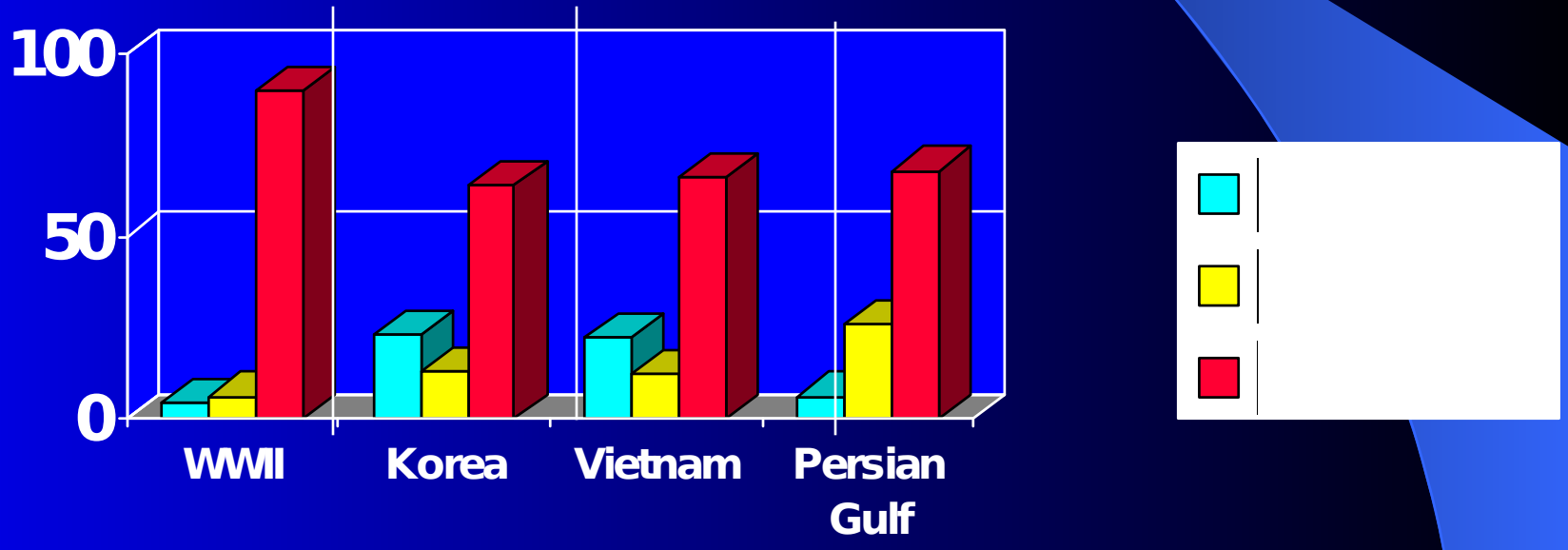
13. Nuclear, Biological, Chemica Defense

14. Medical Planning Responsib Task Identification

Medical Intelligence

- collection
- evaluation
- analysis
- interpretation of:
  - foreign medical, bio-scientific, and environmental information which is of interest to strategic planning and to military medical planning.

U.S. ARMY HOSPITAL ADMISSIONS DURING WAR (SHOWN AS A PERCENT OF TOTAL)



Pre-deployment initiatives

Healthy and Fit Force

- Health Promotion programs
- Health Assessment Surveys
- Serum Collection

=

Our Most Valuable Weapon System

Casualty Prevention

- Current Immunizations - Anthrax
- Medical Intelligence
  - Medical Threat Briefing
  - Prevalent Endemic Diseases

Healthy People

AFMIC Location

-Frederick, MD (45 miles Northwest Washington, DC)

-Within 1 hour of 3 major airports

-http://mic.afmic.army.mil

MISSION

- Produce all-source intelligence analysis and assessments on:
  - Foreign military and civilian medical capabilities and trends
  - Infectious diseases and environmental health risk factors on a global scale which impact on the effectiveness of military operations
  - Foreign life sciences and biomedical technologies of military importance

CUSTOMERS

Supporting ...

- Operational Deployments
- Health Services Support Operations
- National & Defense Policy Formulation
- Combat Development
- Medical Research and Development
- Health Risk Analysis

Medical Intelligence

What it *DOES* provide …

- Foreign
  - Health Risk Assessments
  - Health Services Assessments
  - Medical Indication and Warning
  - Medical Trends and Forecasts

Medical Intelligence

What it *DOES NOT* provide …

- Approved/Authorized Prophylaxis
- Recommended Medical Treatment Protocol
- Medical Policy
- Medical Doctrine

AFMIC Education Specialties

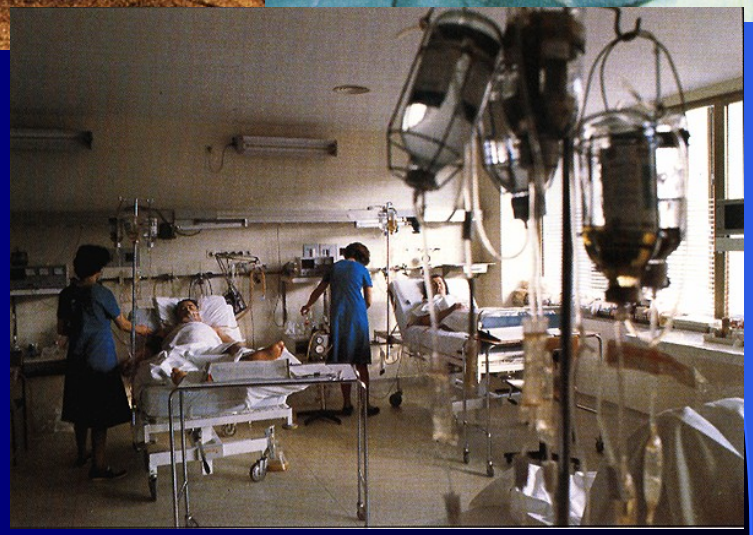
- Medical
- Physiology
- Biophysics
- Molecular biology
- Biomedical science
- Virology
- Biology
- Neuropharmacology
- Microbiology
- Radiation biology
- Medical technology
- Pharmacy
- Chemistry
- Veterinary medicine
- Entomology
- Preventive Med
- Environmental Health

Medical Intelligence Makes a Difference …

- Becomes a Force Multiplier
- Enhances Medical Planning
- Reduces Long-Term Risk and Liability to Deployed Forces
- Improves Combat Readiness

Medical Capabilities Intelligence

- Civilian and Military Health Care Infrastructure
  - Organization
  - Policy
  - Doctrine
- Civilian and Military Health Care Capabilities
  - Evacuation
  - Emergency medical response
  - Hospitalization
  - Blood supply
  - Medical logistics
  - Health care personnel



Medical Capabilities Study (MEDCAP)

A comprehensive evaluation of a country's civilian and military health care systems. It evaluates the ability of a country to support its armed forces in peace and war, the suitability of facilities in the country to support US operations. Because these studies are manpower intensive to produce, MEDCAPS are produced on countries with the greatest

Health Services Assessment

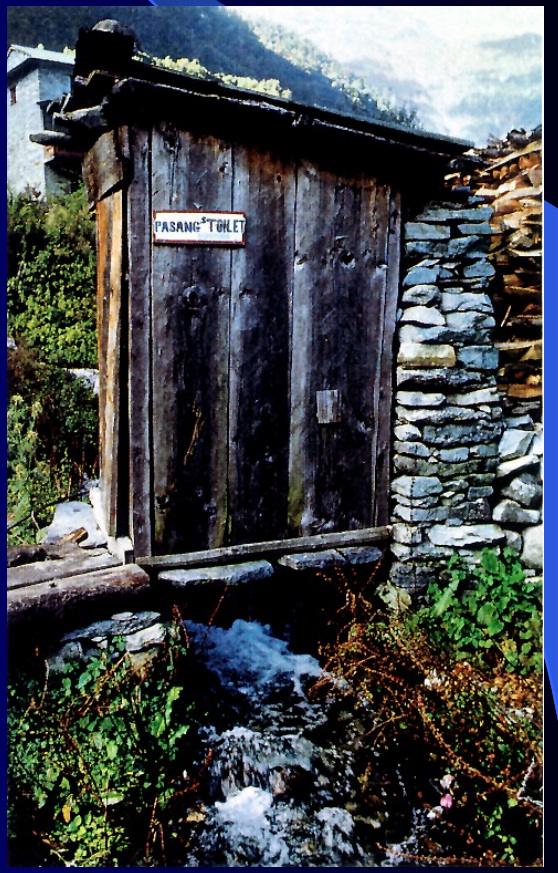
- **Country Focus**
  - **Military Health Care**
  - **Civilian Public Health**
  - **Third Party Contributors**
- **Strategic & Operational Uses**
- **Deliberate and Crisis Planning Tool**
- **A short form of the MEDCAP**

AFMIC Biweekly “Wire”

- Current medical intelligence events with preliminary analysis
- Full range of functional interest
- Classified
- General Service (GENSER) Message

Infectious Disease and Environmental Health Risk Assessments

- **Operationally Oriented**
- **Unclassified**
- **Militarily Significant Infectious Diseases Prioritized According to Impact on Operational Forces**
- **Periodic Updates**

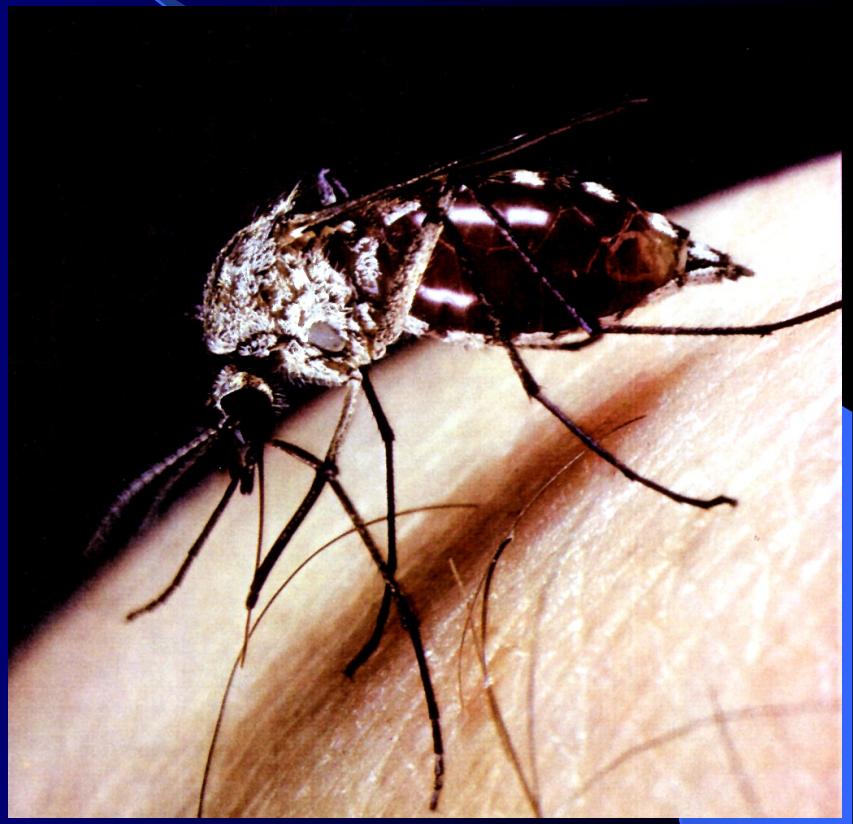


Infectious Disease Risk Assessment (IDRA)

Assess the risk from infectious diseases of operational military significance on a country-by-country basis worldwide. They are available via message, INTELINK, and the Medic CD-ROM

Disease Occurrence Worldwide

- Time Sensitive Monthly Message
- Unclassified (classified supplement)
- Militarily Significant Infectious Diseases
- Supplements/Updates Infectious Disease/Environmental Health Risk Assessments (IDRA)



Medical Environmental Disease Intelligence and Countermeasures

Medical
Environment
Disease
Intelligence a
Countermeasures

DI-1810-207A-9

On CD ROM

UNCLASSIFIED

Defense Intelligence Agency
Armed Forces Medical Intelligence Center

January 1997
Mac / ISO 9660 Hybrid

DI-1810-207A-97(N)

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Medical
Environmental
Disease
Intelligence and
Countermeasures

Medical, Environmental, Disease Intelligence and Countermeasures (MEDIC)

Provides worldwide infectious disease and environmental health risks hyperlinked to the Joint Service-approved countermeasure recommendations, military and civilian health care delivery capabilities, operational information, disease vector ecology information and reference

Environmental Health Risk Assessments (EHRA)

Assess environmental health risks of operational military significance on a country-by-country basis worldwide. They are available via message, INTELINK, and the MEDIC CD-ROM.

Joint Worldwide Intelligence Communication System (JWICS)

A secure telecommunications system which links sites throughout the intelligence and operations communities. Allows, among other things, secure teleconferencing. In support of time-sensitive or complex requirements, a teleconference can be set up with AFMIC's country analysts. See your Intelligence Officer to determine if there is a JWICS site on your installation, then, work with the site manager and AFMIC Operations to

CIA World Fact book

An unclassified publication that provides general political and economic data on all countries of the world. It is updated annually. Available in hardcopy and is also available on the CIA home page on both the Internet and INTELINK. There also is a classified supplement which provides information on military, security and intelligence forces worldwide.

QUICK RESPONSE TASK

A Quick Response Tasking is a response to current intelligence need of the consumer that updates information/intelligence on hand in the consumers Chain of Command

MEDICAL PLANNING DOCUMENTS

MEDICAL CAPABILITIES/MATERIAL

Foreign Medical Facility Handbook

Medical Capabilities Study

Health Services Assessment

Urban Medical Capabilities Study

AFMIC Wire

DISEASE/ENVIRONMENTAL

Infectious Disease Risk Assessment (IDRA)

Environmental Health risks Assessment (EHRA)

DOWW

CD-ROM

Operational Support Documents

REQUESTS FOR INFORMATION (RFI) TO AFMIC

RFI (cont)

- **Identify and clarify your medical intelligence needs. Write them down.**
- **Check with your intelligence officers (S-2's, G-2's, J-2's, IN's) first; they may already have what you need.**

RFI (cont)

- **Provide feedback.**

  Upon mission completion, report items of significance, submit after action reports, tell AFMIC whether medical intelligence was correct and met your needs.

Medical Intel Report Checklist

- **Hospital:**
  - **Name, location, distance from port/pier/helipad/airport/other hospitals/military base.**
  - **Geographic location: Lat/Long - GPS**
  - **Blood Bank**
  - **Emergency capabilities**
  - **Key phone #’s, FAX, email info**

MILITARY GEOGRAPHY

- Climate
- Weather
- Terrain
- Location
- Size
- Capabilities
- Civic Actions
- Peacekeeping Actions
- Low Intensity Conflicts
- Transportation
- Science & Technology
- Enemy Military Situation and Capabilities
- Training
- Diarrheal diseases
- Upper Respiratory Infections (URI's)
- Vector-borne Diseases
- Infectious disease threats
- Wild and Domestic animals
- Poisonous Plants
- NBC Weapons in Enemy Inventory
- Unconventional/Psychological Warfare

Medical Intel Report Checklist Hospitals (Cont-)

- **Key POC's (translators, administrators, etc.**
- **Nursing care (Does your command provide)**
- **Staffing (ancillary services, doctors, nurses**
- **Training level of staff**
- **Helipad description: size, location, obstacles, night landing capable**
- **Payment for services**

Medical Intel Report Checklist

- **Embassy, Consul, Husbanding Agency**
  - **Point of Contacts**
  - **Phone #’s, FAX, email etc.**
  - **Location**
  - **List of services**
  - **Degree of helpfulness**

Medical Intel Report Checklist

- **Decedent Affairs**
  - **Local corner requirements and customs**
  - **Local requirements for autopsy**
  - **Get the embassy involved ASAP**

SUMMARY

- Determine Operational Medical Requirements
- Identify the best sources for intelligence and reference material
- Gather the data
- Prepare Annex Q to OPLAN
- Be Fluid
- Never Fall in Love w/ Plan

QUESTIONS